

*File*

Application No.: 09/252,691

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

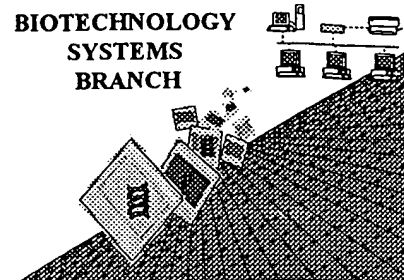
Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

Portner

# RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/252,691

Art Unit / Team No. : 1641

Date Processed by STIC: 8/31/99

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**MARK SPENCER 703-308-4212**

**BEST AVAILABLE COPY**

Portner

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PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/252,691

DATE: 09/01/1999  
TIME: 15:06:32

Input Set: I252691.RAW

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

1 <110> Keith G. Weinstock et al.  
2 <120> NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER  
3 CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS  
4 <130> 107196.135  
5 <140> US/09/252,691  
6 <141> 1999-02-18  
7 <160> 11324

ERRORED SEQUENCES FOLLOW

E--> 8 <210> 5664  
9 <211> 77 76 shown  
10 <212> PRT  
11 <213> Enterobacter cloacae  
12 <400> 5664  
13 Ser Arg Thr Arg Gln Glu Arg Lys Ser Lys Thr Asp Arg Lys Lys Arg  
14 1 5 10 15  
15 Asn Arg Lys Glu Gln Gly Ser Lys Thr Pro Gln Glu Glu Asn Pro Asn  
16 20 25 30  
17 Lys Thr Lys Ala Asn Arg Arg Asp Ser Ser Gln Asn Thr Ser Arg Asp  
18 35 40 45  
19 Thr Lys Thr Thr Glu Ala Thr Pro Ile Gln Lys Asp Gly Asp Asn Ile  
20 50 55 60  
21 Ser Thr Lys Lys Thr Asn Arg Asp Lys Asn Arg Thr  
22 65 70 75

E--> 23 <210> 5666  
24 <211> 89 88 shown  
25 <212> PRT  
26 <213> Enterobacter cloacae  
27 <400> 5666  
28 Ser Ser Gly Cys Arg Gln Glu Asn Arg Leu Ser Val Gly Asn Ser Ile  
29 1 5 10 15  
30 Gly Gln Asp Arg Arg Phe Leu Phe Lys Tyr Met Pro Glu Leu Glu Ser  
31 20 25 30  
32 Tyr Phe His Tyr Arg Tyr Leu Asp Val Ser Thr Leu Lys Glu Leu Ala  
33 35 40 45  
34 Arg Arg Trp Lys Pro Glu Ile Phe Asp Gly Phe Thr Lys Gln Gly Thr  
35 50 55 60  
36 His Gln Ala Met Asp Asp Ile Arg Glu Ser Val Ala Glu Leu Ala Tyr  
37 65 70 75 80  
38 Tyr Arg Glu Asn Phe Ile Lys Leu

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 RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/252,691

 DATE: 09/01/1999  
 TIME: 15:06:32

Input Set: I252691.RAW

39

85

E--&gt;

40 <210> 5667  
 41 <211> 131 130 shown  
 42 <212> PRT  
 43 <213> Enterobacter cloacae  
 44 <400> 5667  
 45 Pro Ala Thr Ala Gly Tyr Ala Arg Arg Val Glu Asn Asn Met Ser Ala  
 46 1 5 10 15  
 47 Asp Glu Asn Asn Leu Ile Trp Ile Asp Leu Glu Met Thr Gly Leu Asp  
 48 20 25 30  
 49 Pro Glu Arg Asp Arg Ile Ile Glu Ile Ala Thr Leu Val Thr Asp Ala  
 50 35 40 45  
 51 Asn Leu Asn Ile Leu Ala Glu Gly Pro Thr Ile Ala Val His Gln Ser  
 52 50 55 60  
 53 Asp Asp Gln Leu Ala Leu Met Asp Glu Trp Asn Val Arg Thr His Thr  
 54 65 70 75 80  
 55 Gly Ser Gly Leu Val Glu Arg Val Lys Ala Ser Thr Leu Gly Asp Arg  
 56 85 90 95  
 57 Glu Ala Glu Leu Ala Thr Leu Glu Phe Leu Lys Gln Trp Val Pro Ala  
 58 100 105 110  
 59 Gly Lys Ser Pro Ile Cys Gly Gln Gln His Trp Ser Gly Ser Ser Phe  
 60 115 120 125  
 61 Pro Val  
 62 130

E--&gt;

63 <210> 5668  
 64 <211> 225 224 shown (next page)  
 65 <212> PRT  
 66 <213> Enterobacter cloacae  
 67 <400> 5668  
 68 Pro Leu Pro Leu Ser Trp Gln Ser Val Val Lys Thr Ser Ala Thr Phe  
 69 1 5 10 15  
 70 Phe Thr Asn Ile Thr Leu Gly Lys Leu Ser Leu Leu Phe Leu Ala Leu  
 71 20 25 30  
 72 Gly Val Ala Tyr Ala Ala Ile Arg Arg Thr Leu Leu Ile Val Tyr Pro  
 73 35 40 45  
 74 Pro Ile Leu Ser Asp Gly Leu Phe Asn Phe Val Val Met Gln Thr Leu  
 75 50 55 60  
 76 Phe Tyr Ile Pro Phe Phe Leu Ile Gly Ala Leu Ala Phe Ile His Pro  
 77 65 70 75 80  
 78 Arg Leu Lys Ala Leu Phe Thr Thr Pro Ser Pro Trp Cys Ala Val Gly  
 79 85 90 95  
 80 Ala Ala Leu Ala Phe Ala Ala Tyr Leu Leu Asn Gln Arg Tyr Gly Ser  
 81 100 105 110  
 82 Gly Asp Ala Trp Met Tyr Glu Thr Glu Ser Val Ile Thr Met Leu Met  
 83 115 120 125  
 84 Gly Leu Trp Met Val Asn Val Val Phe Ala Leu Gly His Arg Leu Leu  
 85 130 135 140  
 86 Asn Phe Lys Ser Ser Arg Val Thr Tyr Phe Val Asn Ala Ser Leu Phe

PAGE: 3

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/252,691

DATE: 09/01/1999  
TIME: 15:06:32

Input Set: I252691.RAW

87 145 150 155 160  
88 Ile Tyr Leu Val His His Pro Leu Thr Leu Phe Phe Gly Ala Tyr Ile  
89 165 170 175  
90 Thr Pro His Ile Ala Ser Asn Ala Leu Gly Phe Phe Thr Gly Leu Val  
91 180 185 190  
92 Phe Val Val Gly Ile Ala Ile Val Leu Tyr Glu Ile His Leu Arg Ile  
93 195 200 205  
94 Pro Leu Leu Arg Phe Leu Phe Ser Gly Lys Pro Gln Val Lys Ala Gly  
95 210 215 220  
E--> 96 225 *no amino acid shown*

E--> 97 <210> 5670  
98 <211> 308  
99 <212> PRT  
100 <213> Enterobacter cloacae  
101 <400> 5670  
102 Ser Pro Cys Ile Ile Ala Thr Leu Phe Ala Pro Glu Pro Ser Asp  
103 1 5 10 15  
104 Ile Pro Phe Pro Arg Ser Leu Glu Gln Ala Val Ala Ala Pro Phe  
105 20 25 30  
106 Asp Phe Phe Gly Arg Asn Asn Ala Trp Leu Ile Leu Leu Ile  
107 35 40 45  
108 Leu Tyr Lys Leu Gly Asp Ala Phe Ala Met Ser Leu Thr Thr Thr  
109 50 55 60  
110 Leu Ile Arg Gly Val Gly Phe Asp Ala Gly Glu Val Gly Val Val  
111 65 70 75 80  
112 Lys Thr Leu Gly Leu Phe Ala Thr Ile Val Gly Ala Leu Tyr Gly  
113 85 90 95  
114 Val Leu Met Gln Arg Leu Ser Leu Phe Arg Ala Leu Leu Ile Phe  
115 100 105 110  
116 Ile Leu Gln Gly Ala Ser Asn Ala Gly Tyr Trp Leu Leu Ser Ile  
117 115 120 125  
118 Asp Lys His Met Ile Ser Met Ala Thr Ala Val Phe Phe Glu Asn  
119 130 135 140  
120 Cys Gly Gly Met Gly Thr Ala Ala Phe Val Ala Leu Leu Met Thr  
121 145 150 155 160  
122 Cys Asn Lys Ser Phe Ser Ala Thr Gln Phe Ala Leu Leu Ser Ala  
123 165 170 175  
124 Ser Ala Val Gly Arg Val Tyr Val Gly Pro Val Ala Gly Trp Phe  
125 180 185 190  
126 Glu Ala His Gly Trp Pro Thr Phe Tyr Leu Phe Ser Val Val Ala  
127 195 200 205  
128 Val Pro Gly Ile Leu Leu Leu Leu Val Cys Arg Gln Thr Leu Glu  
129 210 215 220  
130 Thr Gln Arg Thr Glu His Phe Met Pro Arg Thr Glu Tyr Gln Ala  
131 225 230 235 240  
132 Tyr Arg Phe Ala Leu Arg Leu Leu Met Ala Gly Cys Leu Ala Leu  
133 245 250 255  
134 Val Trp Leu Ala Val Leu Ile Ile Asn Ala Thr Thr Thr Leu Ser  
135 260 265 270

*Due to size of listing, only  
these pages shown as sample of global  
error -  
are  
these  
format  
errors?*

Please review the

Sequence Listing to ensure that a corresponding explanation is presented in the <220> to  
<223> fields of each sequence which presents at least one n or Xaa.

*← FYI*